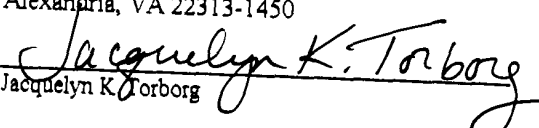


MOLECULAR ROTARY NANOMOTOR AND METHODS OF USE

Abstract

5 A molecular rotary nanomotor useful for translocating polynucleotides. The nanomotor is a multimolecular complex fueled by ATP hydrolysis. One of the motor components is an ATP-binding RNA molecule that participates in ATPase activity.

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